ACCESSION NUMBER: 77:3110   IPA
DOCUMENT NUMBER: 15-00708
TITLE: In vitro bioavailability of various drugs formulated as
                      hard gelatin capsules
AUTHOR: Newton, J. M.; Razzo, F. N.
CORPORATE SOURCE: Pharmacy Dept., The University, Nottingham NG7 2RD,
England
SOURCE: Journal of Pharmacy and Pharmacology (England), (Apr 1977)
                      Vol. 29, pp. 205-208. 2 Refs.
                      CODEN: JPPMAB; ISSN: 0373-1022.
DOCUMENT TYPE: Journal
LANGUAGE: English

AB   A factorially designed experiment was carried out to study the
     influence of diluents like lactose, Primojel (sodium **starch
     glycolate**), starch, sodium lauryl sulfate (I) and magnesium
     stearate (II), on the in vitro dissolution rates of imipramine,
     nitrofurantoin, nitrofurazone, **oxytetracycline**, phenylbutazone
     and **tetracycline hydrochloride** hard gelatin capsules.
          Analysis of variance confirmed that, although the main factors of
     diluent type, diluent concentration and the absence.   .   .

=> d his

     (FILE 'HOME' ENTERED AT 17:33:19 ON 27 MAR 2003)

     FILE 'REGISTRY' ENTERED AT 17:33:28 ON 27 MAR 2003
L1   1 S CLINDAMYCIN HYDROCHLORIDE/CN
L2   1 S CLONIDINE HYDROCHLORIDE/CN
L3   1 S DIPHENHYDRAMINE HYDROCHLORIDE/CN
L4   1 S FLUPHENAZINE HYDROCHLORIDE/CN
L5   0 S HYDROMORPONE HYDROCHLORIDE/CN
L6   1 S HYDROMORPHONE HYDROCHLORIDE/CN
L7   1 S NALOXONE HYDROCHLORIDE/CN
L8   1 S OXYTETRACYCLINE HYDROCHLORIDE/CN
L9   1 S PHENYLEPHRINE HYDROCHLORIDE/CN
L10   1 S PHENIRAMINE MALEATE/CN
L11   1 S TETRACYCLINE HYDROCHLORIDE/CN
L12   1 S VERAPAMIL HYDROCHLORIDE/CN
L13   1 S AMPICILLIN SODIUM/CN

     FILE 'CAPLUS, USPATFULL, IPA' ENTERED AT 17:36:17 ON 27 MAR 2003
L14   690111 S L1 OR (CLINDAYMCIN HYDROCHLORIDE OR HCL)
L15   820332 S HYDROCHLORIDE OR HCL
L16   222 S L1 OR (CLINDAYMCIN (2W)L15)
L17   222 S L1
L18   1651 S L2 OR (CLONIDINE (5W) L15)
L19   2440 S L3 OR (DIPHENHYDRAMINE (5W) L15)
L20   525 S L4 OR (FLUPHENAZINE (5W) L15)
L21   430 S L6 OR (HYDROMORPHONE (5W) L15)
L22   1385 S L7 OR (NALOXONE (5W) L15)
L23   1234 S L8 OR (OXYTETRACYCLINE (5W) L15)
L24   1736 S L9 OR (PHENYLEPHRINE (5W) L15)
L25   255 S L10 OR (PHENIRAMINE MALEATE)
L26   3130 S L11 OR (TETRACYCLINE (5W) L15)
L27   1388 S L12 OR (VERAPAMIL (5W) L15)
L28   943 S L13 OR (AMPICILLIN (5W) L15)

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        FILE 'REGISTRY' ENTERED AT 17:41:39 ON 27 MAR 2003
L29              0 S MICROCRYSTALLINE CELLULOSE/CN
L30              0 S HYDROXYPROPYL METHYLCELLULOSE/CN
L31              1 S HYDROXYPROPYL METHYL CELLULOSE/CN
L32              1 S PVP/CN
L33              1 S HYDROXYMETHYLCELLULOSE/CN
L34              1 S CARBOPOL/CN
L35              0 S CARBOXYMETHYLCELLULOSE/CN
L36              0 S CARBOXY METHYLCELLULOSE/CN
L37              0 S CARBOXY METHYL CELLULOSE/CN
L38              0 S L-HYDROXYPROPYL CELLULOSE/CN
L39              0 S HYDROXY PROPYL CELLULOSE/CN
L40              1 S HYDROXYPROPYL CELLULOSE/CN
L41              0 S CROSCARMELLOSE/CN
L42              1 S CROSCARMELLOSE SODIUM/CN
L43              1 S SODIUM STARCH GLYCOLATE/CN


        FILE 'CAPLUS, USPATFULL, IPA' ENTERED AT 17:45:41 ON 27 MAR 2003
L44         327620 S L31 OR L32 OR L33 OR L34 OR BINDER OR PVP
L45          22982 S L40 OR L42 OR L43 OR CROSCARMELLOSE OR (STARCH GLYCOLATE)
OR
L46              4 S L14 (10W) L44 (10W) L45
L47           1404 S L44 (10W) L45
L48         822643 S L14 OR L15 OR L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22
O
L49            710 S L47 AND L48
L50              9 S L48 (10W) L47
L51              8 DUPLICATE REMOVE L50 (1 DUPLICATE REMOVED)
L52          15623 S L 14 OR L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR
L23
L53         696648 S L14 OR L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23
O
L54          13524 S L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24
O
L55             35 S L54 AND L47
L56             32 S L55 NOT L50
L57             32 DUPLICATE REMOVE L56 (0 DUPLICATES REMOVED)


        FILE 'STNGUIDE' ENTERED AT 17:54:34 ON 27 MAR 2003
L58              0 S L40 OR L42 OR L43 OR CROSCARMELLOSE OR (STARCH GLYCOLATE)
OR


        FILE 'USPATFULL, CAPLUS, IPA' ENTERED AT 17:58:01 ON 27 MAR 2003
L59          15305 S L58
L60             17 S L59 AND L57
L61              2 S L58 (10W) L54
L62              2 S L59 (10W) L54
L63             16 S L44 (10W) L54
L64         335415 S L59 OR L44
L65             36 S L64 (30W) L54
L66           1171 S L64 AND L54
L67             34 S L65 NOT L55
L68             34 S L67 NOT L57

=> s l66 and tablet#
L69            742 L66 AND TABLET#

=> s l54 (10w) tablet#
L70            420 L54 (10W) TABLET#
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=> s l70 and l69
L71        105 L70 AND L69

=> duplicate remove l71
DUPLICATE PREFERENCE IS 'USPATFULL, CAPLUS, IPA'
KEEP DUPLICATES FROM MORE THAN ONE FILE?  Y/(N):n
PROCESSING COMPLETED FOR L71
L72         95 DUPLICATE REMOVE L71 (10 DUPLICATES REMOVED)

=> d 1-95 ibib kwic
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